



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**Oldcastle BuildingEnvelope™**

**803 Airport Road  
Terrell, TX 75160**

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION: Series "RW-5000 Ribbon" Aluminum Fixed Window – S.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **RW-5000SM**, titled "Product Approval Drawings - RW-5000 Ribbon Window System – Small Missile Impact", sheets 1 through 7 of 7, dated 09/17/12, prepared by manufacturer, signed and sealed by William D. Cook, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING: Small Missile Impact Resistant**

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises and renews** NOA# **12-0120.09** and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



*MP*  
*2/15/13*

NOA No. 12-1126.07  
Expiration Date: February 27, 2018  
Approval Date: February 28, 2013  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No **RW-5000SM**, Sheets 1 through 7 of 7, titled "Product Approval Drawings - RW-5000 Ribbon Window System – Small Missile Impact", dated 09/17/12, prepared by manufacturer, signed and sealed by William D. Cook, P.E.

**B. TESTS**

1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of an aluminum fixed window (specimen 4), prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0105-0210-04**, dated 2/9/04, signed and sealed by Vinu J. Abraham, P.E.  
*(Submitted under previous NOA # 04-0601.01)*
2. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94  
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of an aluminum fixed window (specimen 1), prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0105-0117-02**, dated 1/23/02, signed and sealed by Vinu J. Abraham, P.E.  
*(Submitted under previous NOA # 02-1202.01)*
3. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94  
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of an aluminum fixed window (specimen 1), prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0105-0403-02**, dated 4/1/02, signed and sealed by Vinu J. Abraham, P.E.  
*(Submitted under previous NOA # 02-1202.01)*
4. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of an aluminum fixed window (specimen 4), prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0105-0403-02**, dated 4/3/02, signed and sealed by Vinu J. Abraham, P.E.  
*(Submitted under previous NOA # 02-1202.01)*

  
Manuel Perez, P.E.  
Product Control Examiner

NOA No. 12-1126.07

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**B. TESTS (CONTINUED)**

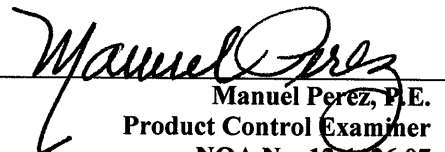
5. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of an aluminum fixed window (specimen 2), prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0105-0403-02**, dated 4/11/02, signed and sealed by Vinu J. Abraham, P.E.  
***(Submitted under previous NOA # 02-1202.01)***
6. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
2) Small Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of an aluminum fixed window (specimen 5), prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0105-0403-02**, dated 4/5/02, signed and sealed by Vinu J. Abraham, P.E.  
***(Submitted under previous NOA # 02-1202.01)***
7. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
2) Water Resistance Test, per FBC, TAS 202-94  
3) Large Missile Impact Test per FBC, TAS 201-94  
4) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of an aluminum fixed window (specimen 1), prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0105-0525-02**, dated 5/24/02, signed and sealed by Vinu J. Abraham, P.E.  
***(Submitted under previous NOA # 02-1202.01)***

**C. CALCULATIONS:**

1. Anchor verification calculations and structural analysis, complying with FBC-2010, dated 07/07/08, revised on 10/20/08, 01/11/09, 01/18/11 and updated on 01/09/12, prepared, signed and sealed by William D. Cook, P.E.  
***(Submitted under previous NOA# 12-0120.09)***
2. Glazing complies with ASTM E1300-04.

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 12-1126.07  
Expiration Date: February 27, 2018  
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**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **11-1102.11** issued to **Solutia, Inc.** for their “**Saflex Clear and Color Glass Interlayers**” dated 06/14/12, expiring on 05/21/16.

**F. STATEMENTS**

1. Statement letter of conformance complying with FBC-2010, dated November 15, 2012, signed and sealed by William D. Cook, P.E.
2. Statement letter of no financial interest, dated November 15, 2012, signed and sealed by William D. Cook, P.E.

**G. OTHER**

1. Notice of Acceptance No. **12-0120.09**, issued to Oldcastle BuildingEnvelope™ for their Series “RW-5000 Ribbon” Aluminum Fixed Window – S.M.I., approved on 03/22/12 and expiring on 02/27/13.

  
Manuel Perez, P.E.  
Product Control Examiner

NOA No. 12-1126.07

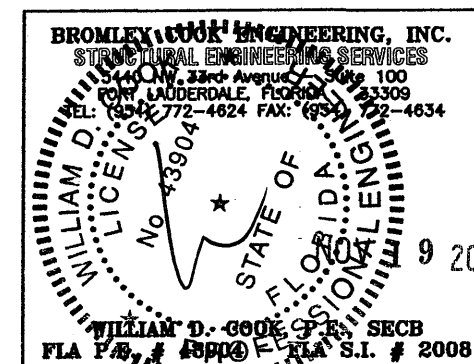
Expiration Date: February 27, 2018

Approval Date: February 28, 2013

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**SHEET 1: INDEX TO DRAWINGS AND NOTES**  
**SHEET 2: TYPICAL ELEVATION**  
**SHEET 3: BILL OF MATERIALS**  
**SHEET 4: TYPICAL HORIZONTAL GLAZING DETAILS**  
**SHEET 5: TYPICAL VERTICAL GLAZING DETAILS**  
**SHEET 6: MULL CAP INSTALLATION DETAILS**  
**SHEET 7: EXTRUSION PROFILES**

- 1) WINDOW RATED FOR SMALL MISSILE IMPACT.
- 2) SHUTTERS REQUIRED FOR WINDOWS INSTALLED UP TO 30' ABOVE GRADE
- 3) NO SHUTTERS REQUIRED FOR WINDOWS INSTALLED OVER 30' ABOVE GRADE
- 4) THIS WINDOW SYSTEM HAS BEEN TESTED, ENGINEERED AND APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN LOAD CHARTS. WINDOW SYSTEM IS IN COMPLIANCE WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2010 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ)
- 5) THE SYSTEM SHOWN HEREIN WAS TESTED IN CONFORMANCE WITH MIAMI-DADE COUNTY PROTOCOLS TAS-201, 202, 203.
- 6) ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
- 7) BUCK, OPENINGS AND BUCK FASTENERS MUST BE DESIGNED & INSTALLED TO WITHSTAND LOADS FOR EACH APPLICATION. WOOD BUCKS SHALL BE DESIGNED BY SPECIALTY ENGINEER OR ENGINEER OF RECORD.
- 8) A 33% INCREASE IN ALLOWABLE STRESS NOT USED IN ANALYSIS.
- 9) ALL STEEL IN CONTACT WITH ALUMINUM TO BE PAINTED OR PLATED PER FBC 2003.2.4

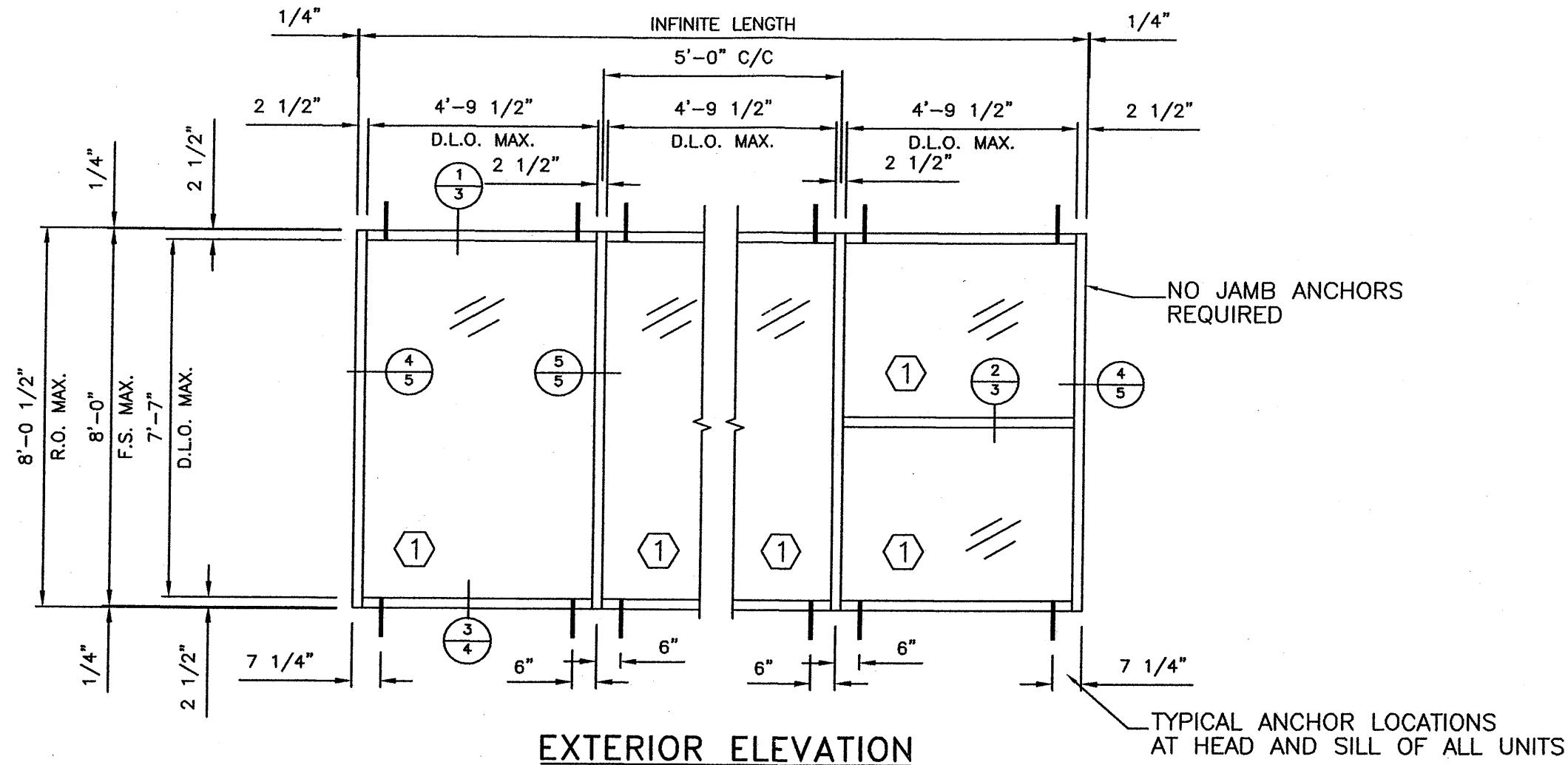


PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 12-1126-07  
Expiration Date Feb. 27, 2018

By Manuel G. Pro  
Miami/Dade Product Control

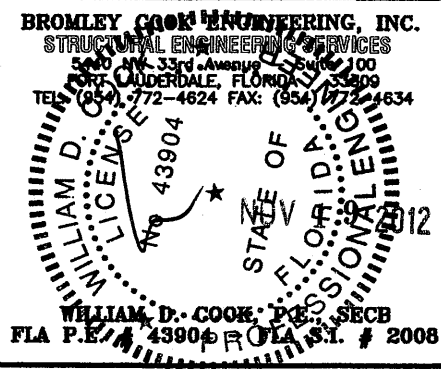
PROJECT	PROJ RW-50	
PROJECT NO.		
DRAWN	DATE	
GRG	9/17/12	
SCALE		
NOTED		
DRAWING NO.		
RW-5000SM		
SHEET		
1 OF 7		

# OLDCASTLE BUILDING ENVELOPE SERIES RW-5000 RIBBON WINDOW SYSTEM WINDOW RATED FOR SMALL MISSILE IMPACT



DESIGN PRESSURE	
+70 psf (15psf WATER)	POSITIVE
-80 psf	NEGATIVE

GLASS SCHEDULE (SMALL MISSILE IMPACT)			
	MANUFACTURER	DESCRIPTION	GASKETS
①	SOLUTIA SAFLEX PVB	1/4" H.S. GLASS AT INNER AND OUTER FACES, .060 SAFLEX PVB; TOTAL = .496	FG-5126 INT FG-5125 EXT



FOR MIAMI-DADE CO. B.C.C.O.

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-1126-07  
Expiration Date Feb 27, 2018

By *Mmanuel Perez*  
Miami Dade Product Control

PROJECT		DESCRIPTION	
PRODUCT APPROVAL DRAWINGS		DATE	
RW-5000 RIBBON WINDOW SYSTEM		REV BY	
SMALL MISSILE IMPACT		MANUAL COMP	
		803 AIRPORT RD. TERRELL TX 75160 (972) 551-6100	
PROJECT NO. DRAWN GRG DATE 8/27/10 SCALE NOTED DRAWING NO. RW-5000SM SHEET 2 OF 7			

# RW-5000 RIBBON WINDOW SYSTEM

## BILL OF MATERIALS

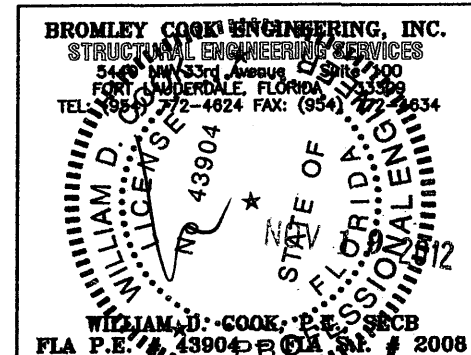
COMPONENT SCHEDULE			
PART NO	DESCRIPTION	MANUFACTURER	ALUMINUM ALLOY & TEMPER
RW-5131	MULL	OBE	6063-T6
RW-5132	MULL	OBE	6063-T6
RW-5133	HEAD	OBE	6063-T6
RW-5134	GLAZING BEAD	OBE	6063-T6
RW-5135	HORIZONTAL TRIM	OBE	6063-T5
RW-5136	JAMB	OBE	6063-T6
RW-5137	HORIZONTAL	OBE	6063-T6
RW-5138	SILL	OBE	6063-T6
RW-5139	SETTING CHAIR	OBE	6063-T5
RW-5140	SILL FILLER	OBE	6063-T5
RW-5141	MULL CAP	OBE	6063-T5
RW-5142	JAMB CAP	OBE	6063-T5
RW-5161	END DAM	OBE	6063-T5
RW-5162	MULL CLIP	OBE	6063-T5

GASKETS AND HARDWARE			
PART NO	DESCRIPTION	MANUFACTURER	LOCATION
CW-998	BULB GASKET	OBE	MULLIONS
FG-1133	EPDM GASKET	OBE	VIRACON HRG2 EXTERIOR
FG-5125	EPDM GASKET	OBE	TYPICAL EXTERIOR
FG-5126	VINYL SPACER	OBE	TYPICAL INTERIOR
FG-5124	EPDM SETTING BLOCK	OBE	SILL & HORIZONTAL
RW5000-FP-3	VINYL WATER DIVERTER	OBE	HORIZONTALS
RW-5139	ALUM. SETTING CHAIR X 4" LG.	OBE	SILL
FG-5128	VINYL BAFFLE RETAINER	OBE	SILL
RW5000-PP-4	BAFFLE	OBE	SILL
RW5000-FP-1	MULL CAP (MADE FROM RW-5141)	OBE	HEAD & SILL OF MULLIONS
RW5000-FP-2	JAMB CAP (MADE FROM RW-5142)	OBE	HEAD & SILL OF JAMBS
RW5000-FP-8	END DAM (MADE FROM RW-5161)	OBE	HEAD & SILL OF MULLIONS
RW5000-FP-11	MULLION CLIP(MADE FROM RW-5162)	OBE	MULLION
DOW 995	STRUCTURAL SILICONE	DOW-CORNING	INTERIOR GLASS
SM-5601	SEALANT TAPE	SCHNEE-MOREHEAD	FRAME JOINTS
SM-7100	SEALANT	SCHNEE-MOREHEAD	PERIMETER SEAL
931	SEALANT	VULKEM	MULL JOINT

FASTENER SCHEDULE		
PART NO.	DESCRIPTION	APPLICATION
FS-327	#12 X 7/8" HWHTCS	GLAZING BEADS
FS-202	#8 X 1/2" PPH	JAMB CAP
FS-45	#8 X 1/2" PFH	MULL CAP/END DAM
FS-44	5/16" X 1" HHSTS	FRAME CONNECTIONS

SEE SHEET #4 FOR PERIMETER ANCHORS

NOTE:  
STRUCTURAL ALUMINUM TO BE 6063-T6,  
TRIM TO BE 6063-T5



FOR MIAMI-DADE CO. B.C.C.O.

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Building Code  
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Expiration Date Feb. 21, 2018  
By *Manuel Diaz*  
Miami Dade Product Control

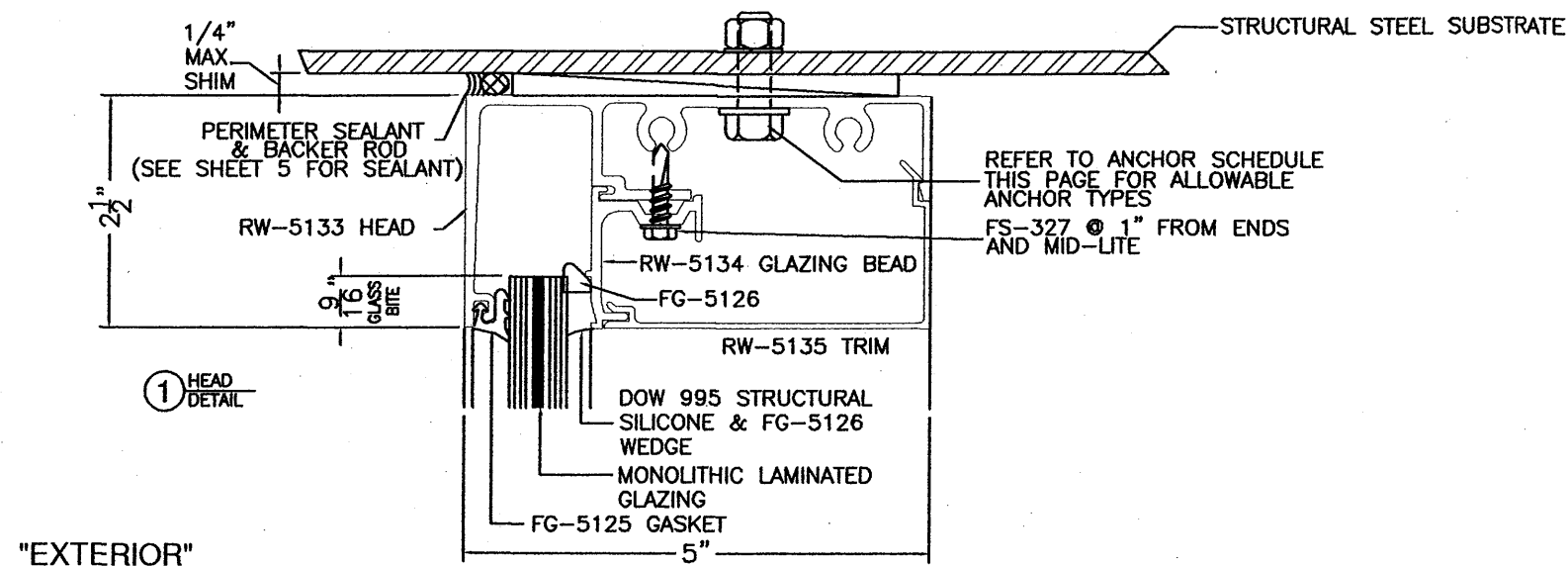
PROJECT  
PRODUCT APPROVAL DRAWINGS  
RW-5000 RIBBON WINDOW SYSTEM  
SMALL MISSILE IMPACT

PROJECT NO.  
DRAWN GRG DATE 9/17/12  
SCALE NOTED  
DRAWING NO. RW-5000SM  
SHEET 3 OF 7

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803 AIRPORT RD. TERRELL TX 75160  
(972) 551-6100

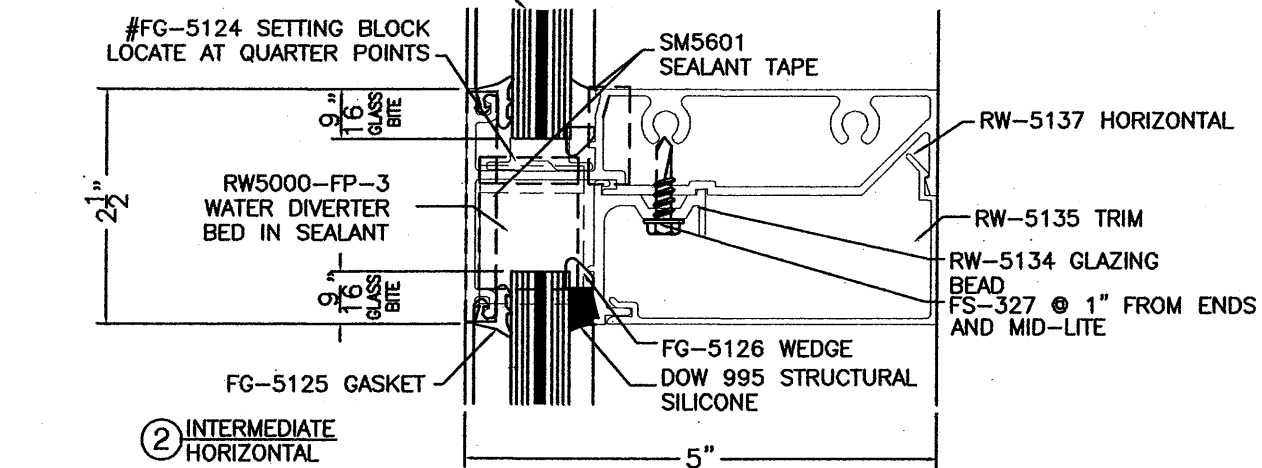
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REV BY DATE DESCRIPTION

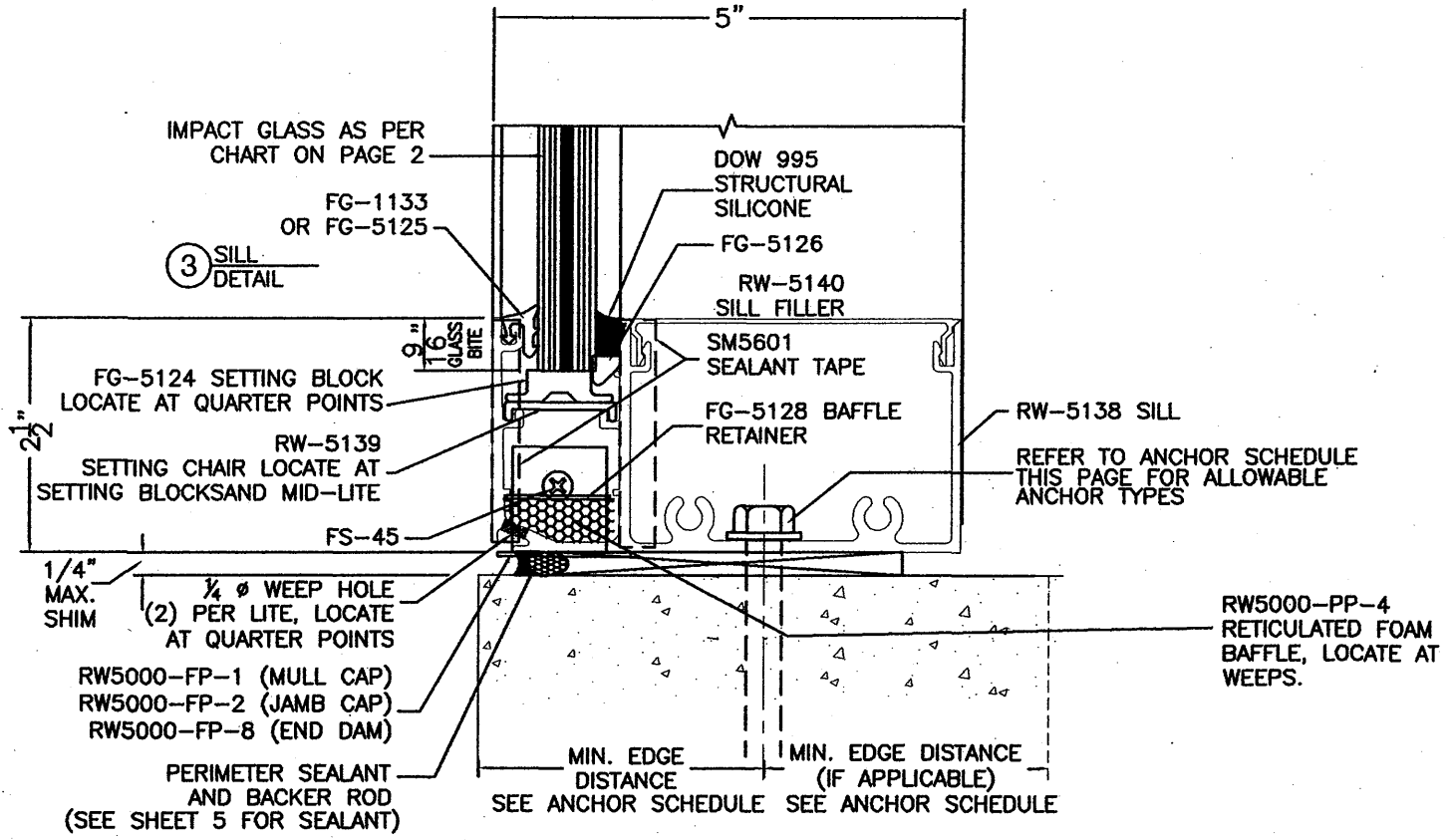


"EXTERIOR"

IMPACT GLASS AS PER CHART ON PAGE 2

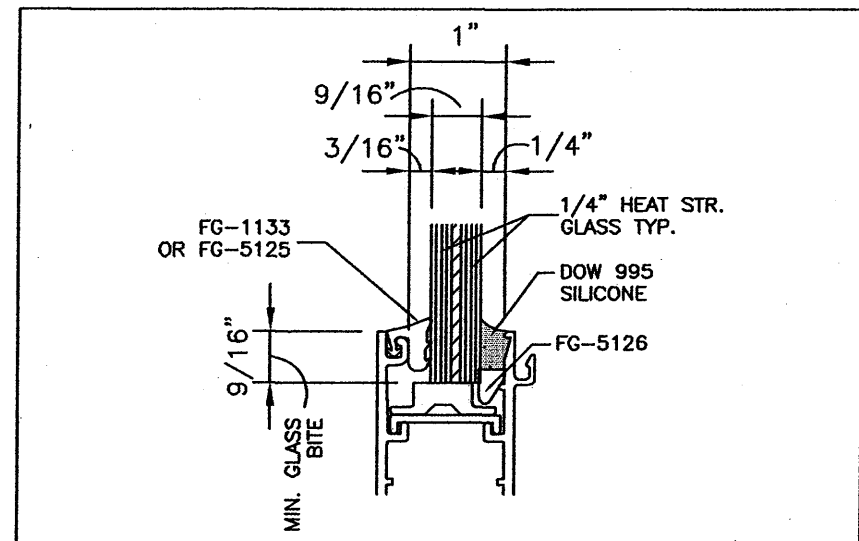


② INTERMEDIATE HORIZONTAL



③ SILL DETAIL

## GLAZING DETAIL



GLASS TYPE: ①

REFER TO GLASS SCHEDULE ON SHEET 2 FOR GLASS DESCRIPTION

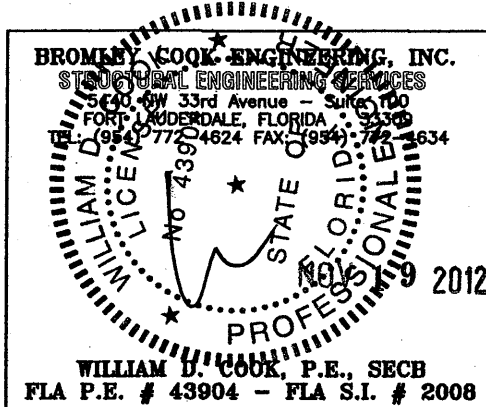
## ANCHOR SCHEDULE

### IN CONCRETE (2000 psi):

- ✦ 3/8"Ø HILTI KWIKBOLT III WITH 2-1/2" MIN. EMBED
  - MIN EDGE DISTANCE = 3-1/2"
  - MIN ANCHOR SPACING = 4-1/2"
- ✦ 3/8"Ø POWERS WEDGE BOLT W/ 3-1/2" MIN. EMBED
  - MIN EDGE DISTANCE = 3-1/2"
  - MIN ANCHOR SPACING = 4-1/2"

### IN STEEL (1/8" THICK)

- ✦ 3/8"-16 GRADE-5 HEX HEAD BOLT



FOR MIAMI-DADE CO. B.C.C.O.

PRODUCT REVISED as complying with the Florida Building Code  
 Acceptance No 12-1126-07  
 Expiration Date Feb. 27, 2018  
 By *Manuel Lopez*  
 Miami Dade Product Control

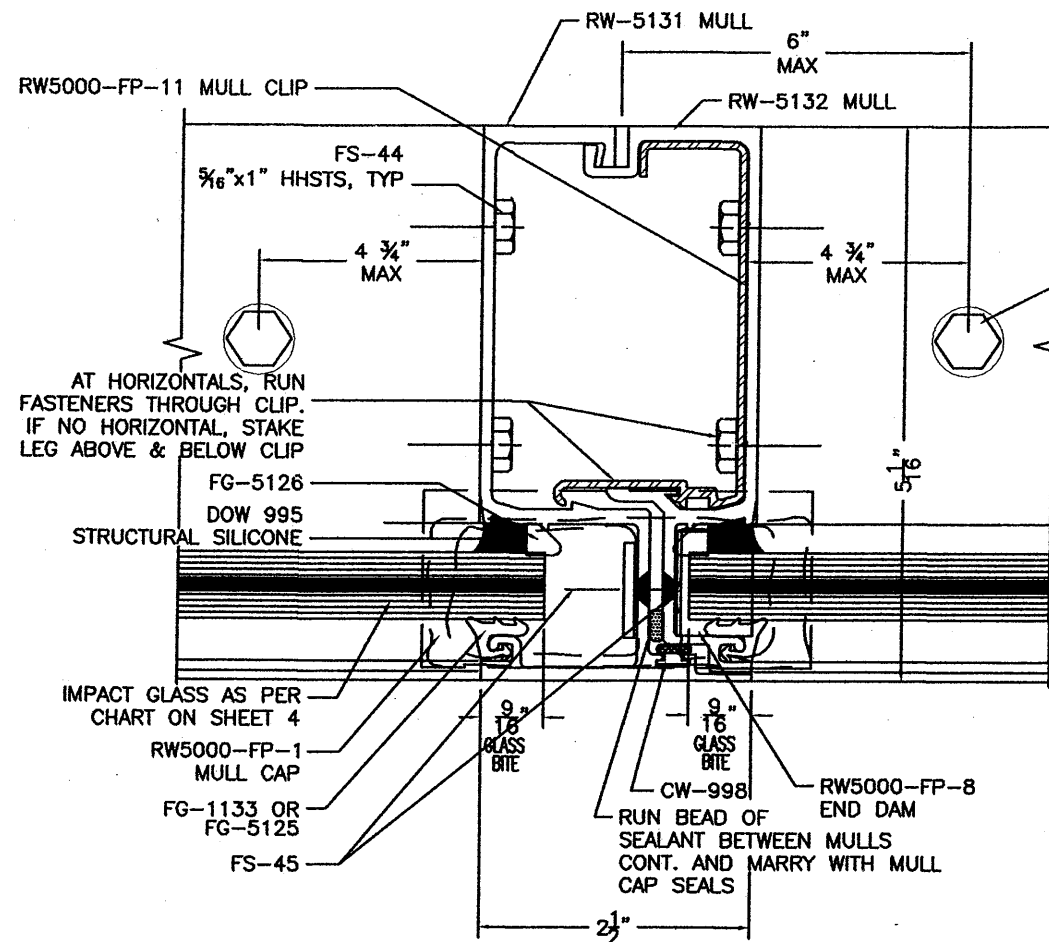
PRODUCT APPROVAL DRAWINGS  
 RW-5000 RIBBON WINDOW SYSTEM  
 SMALL MISSILE IMPACT

PROJECT	
PROJECT NO.	
DRAWN	DATE
GRG	9/17/12
SCALE	NOTED
DRAWING NO.	RW-5000SM
SHEET	4 OF 7

MANUAL COMP	REV	BY	DATE	DESCRIPTION

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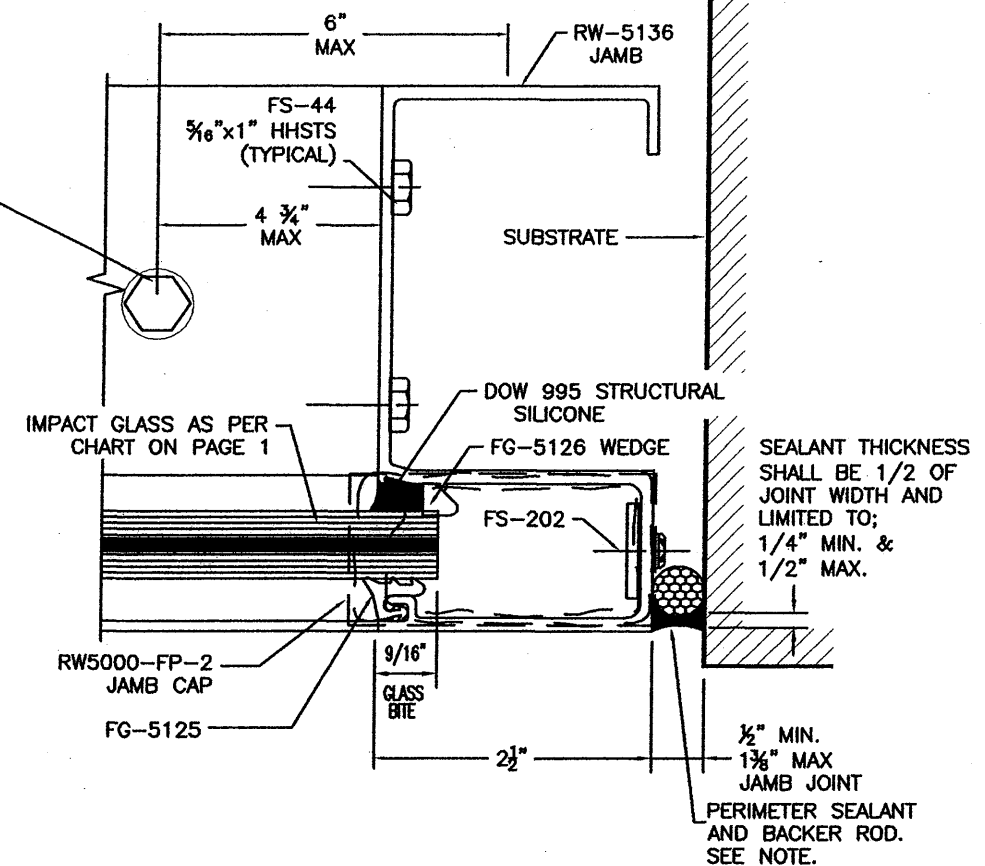
5 INTERMEDIATE MULLION

"EXTERIOR"

GLAZING NOTE:  
REFERENCE SHEET 2 FOR GLASS SCHEDULE, AND SHEET 4 FOR GLAZING DETAIL

SEE SHEET 6 FOR ADDITIONAL MULL CAP INSTALLATION INFORMATION

ANCHOR PER ANCHOR SCHEDULE ON SHEET #4



4 JAMB MULLION

JAMB SEALANT NOTES:

PERIMETER SEALANT OPTIONS:  
DOW 795 (SILICONE),  
TREMCO SPECTREM 1 & 2 (SILICONE)  
TREMCO DYMOMIC FC (URETHANE)  
SONNEBORN SOLOLASTIC 150 (ELASTOMERIC)

ALTERNATE SEALANTS & ALTERNATE JAMB GAPS:  
TO BE APPROVED BY  
DESIGN PROFESSIONAL OF RECORD AND  
SEALANT MANUFACTURER.

BROMLEY COOK ENGINEERING, INC.  
STRUCTURAL ENGINEERING SERVICES  
5440 NW 53rd Avenue, Suite 100  
FORT LAUDERDALE, FLORIDA 33309  
TEL: (954) 772-4624 FAX: (954) 772-4634  
WILLIAM D. COOK, P.E. SEC. 1  
No. 43904  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
WILLIAM D. COOK, P.E. SEC. 1  
FLA P.E. #143904 P.F.L.A. S.T. # 2008

FOR MIAMI-DADE CO. B.C.C.O.

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Expiration Date Feb. 27, 2018

By *Manuel Perez*  
Miami Dade Product Control

PROJECT

PRODUCT APPROVAL DRAWINGS  
RW-5000 RIBBON WINDOW SYSTEM  
SMALL MISSILE IMPACT

PROJECT NO.

DRAWN GRG DATE 9/17/12  
SCALE

NOTED

DRAWING NO. RW-5000SM

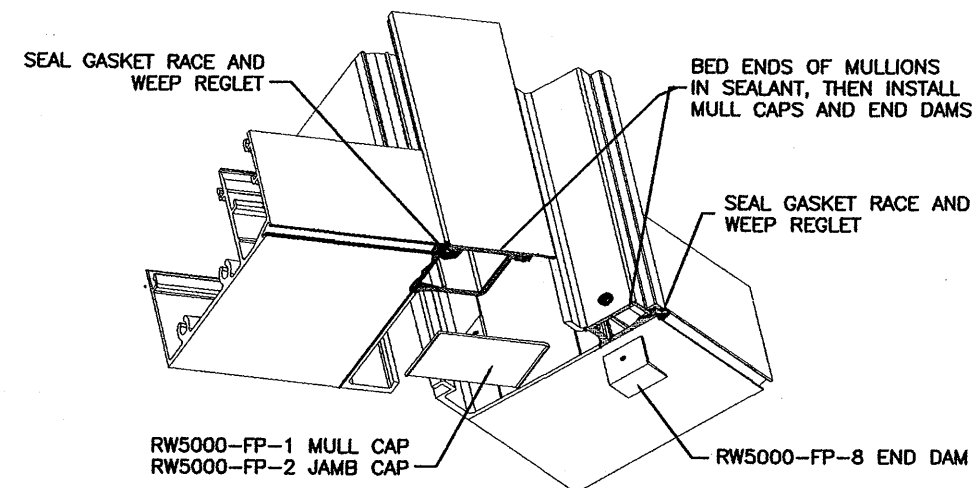
SHEET 5 OF 7

MANUAL	COMP	REV	BY	DATE	DESCRIPTION

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# RW-5000 MULL CAP SEALANT DETAILS AND INSTALLATION INSTRUCTIONS



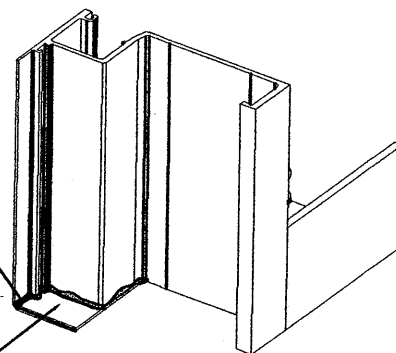
**DETAIL A**

INSTALL MULL CAPS AND END DAMS USING FS-45 (#8 X 1/2" PFH), INSTALL JAMB CAPS USING FS-202 (#8 X 1/2" PPH). (CAP SEAL ALL FASTENERS)

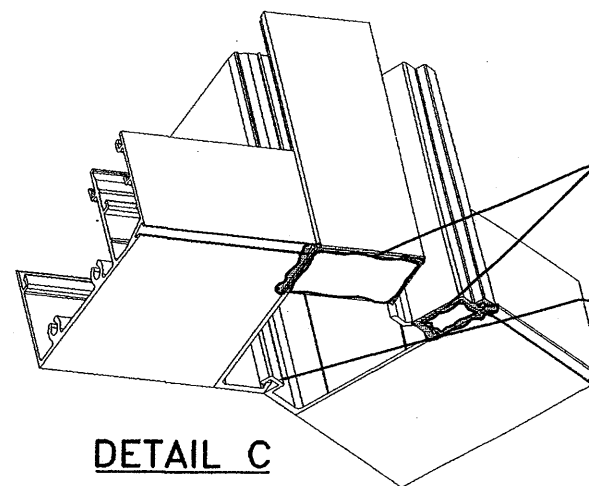
MULL CAP AND END DAM REQUIRED AT HEAD AND SILL TYPICAL (SILL SHOWN)

TOOL THE SEALANT ALONG INTERIOR OF THE MULL DURING INSTALLATION OF THE MULL CAP.

WHEN INSTALLING THE RW5000-FP1 MULL CAP, KEEP THIS AREA CLEAR OF SEALANT TO ALLOW FOR INSTALLATION OF NEXT UNIT.



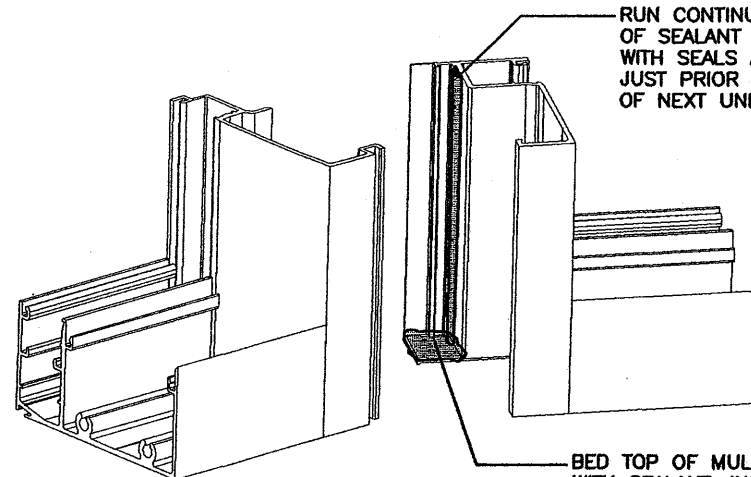
**DETAIL B**



**DETAIL C**

TOOL SEALANT AT EXTERIOR AND INTERIOR OF GLAZING POCKET OF MULL CAP AND END DAM TO PROVIDE WATER TIGHT SEAL AT VERTICAL TO SILL/HEAD CONNECTION.

WHEN INSTALLING ADDITIONAL UNITS, INTERLOCK BACK LEGS AS SHOWN AND ROTATE UNIT INTO POSITION. SEAL AS SHOWN IN DETAIL "D" JUST PRIOR TO INSTALLATION OF NEXT UNIT.



**DETAIL D**

RUN CONTINUOUS BEAD OF SEALANT AND MARRY WITH SEALS AT MULL CAPS JUST PRIOR TO INSTALLATION OF NEXT UNIT.

BED DIVERter IN SEALANT

RW5000-FP-3 WATER DIVERter

**WATER DIVERter SEALANT DETAIL**

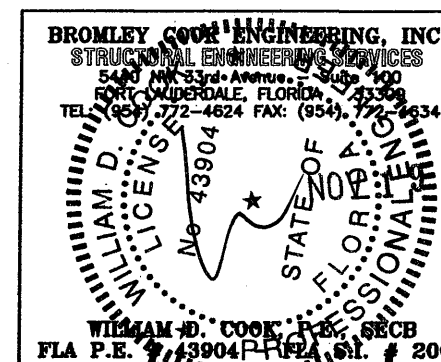
LOCATE AT EACH END OF INTERMEDIATE HORIZONTALS

## INSTALLATION NOTES:

- 1) ASSEMBLE UNITS AS SHOWN ON DETAIL SHEETS 3 THRU 5. INSTALL SEALANT TAPE BETWEEN VERTICALS AND HORIZONTALS AS SHOWN.
- 2) INSTALL AND SEAL MULL CAPS AS SHOWN IN DETAILS A, B & C ABOVE.
- 3) MULL CAPS SHOULD FORM A WATER TIGHT SEAL. A TEST MAY BE CONDUCTED TO CONFIRM THIS SEAL BY BLOCKING WEEP HOLES AND FILLING SILL CAVITY WITH WATER. AFTER TEST REMOVE PLUGS FROM WEEP HOLES, DRAIN WATER, INSTALL BAFFLES AND BAFFLE RETAINERS.
- 4) INSTALL FIRST UNIT INTO OPENING (UNITS WILL INSTALL FROM LEFT TO RIGHT AS VIEWED FROM EXTERIOR OF BUILDING), LEVEL, PLUMB AND ANCHOR FIRST UNIT. WHEN SHIMMING UNITS, SHIM AT ANCHOR POINTS UNDER SILL. DO NOT PLACE SHIMS BENEATH MULL OR MULL CAP.

- 5) RUN BEAD OF SEALANT CONTINUOUS FOR FULL HEIGHT OF MULLION AND BED MULL CAP WITH SEALANT AT HEAD AND SILL AS SHOWN IN DETAIL D.
- 6) INSTALL SECOND UNIT BY BRINGING INTO POSITION FROM INSIDE OF BUILDING, TILT HEAD OF UNIT BENEATH MULL CAP, ROTATE SILL OF UNIT OVER LOWER MULL CAP, THEN INTERLOCK BACK LEGS OF MULLION (SEE DETAIL C), PLACE APPROPRIATE SHIMS BENEATH SILL MEMBER TO ALLOW FOR BETTER ALIGNMENT, AND ROTATE UNIT INTO PLACE. PLUMB AND ANCHOR.
- 7) REPEAT STEP 6 FOR ALL ADDITIONAL UNITS. MINIMUM 1/4" CAULK JOINT AT JAMB IS REQUIRED FOR INSTALLATION OF FINAL UNIT.

- 8) SYSTEM MAY BE INSTALLED EITHER IN UN-GLAZED OR PREGLAZED FRAMES. WHEN INSTALLING UNITS AS UN-GLAZED FRAMES FOLLOW INSTRUCTIONS 4 THRU 8 AND THEN INSTALL GLASS. NEXT PLACE AN 1/8" SHIM AT MID-HEIGHT OF MULL AND CLAMP BACK OF MULL AT THE SHIM BEFORE RUNNING WEDGE TO HELP INSURE PROPER ALIGNMENT OF MULLS AT FACE OF SYSTEM. WHEN PREGLAZING FRAMES, MAKE SURE THAT UNITS ARE SQUARE AND THAT DAY LIGHT OPENINGS ARE HELD TO PROPER DIMENSIONS BEFORE RUNNING STRUCTURAL SILICONE. (REFERENCE SILICONE MANUFACTURER FOR PROPER CLEANING AND USE OF SILICONE.)

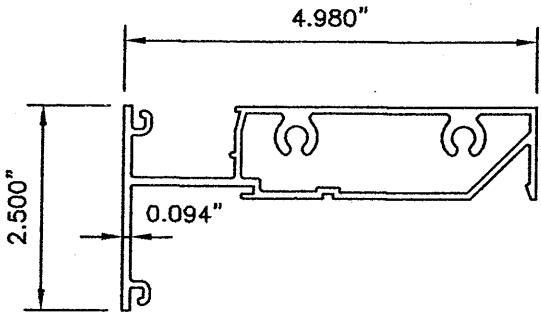


FOR MIAMI-DADE CO. B.C.C.O.

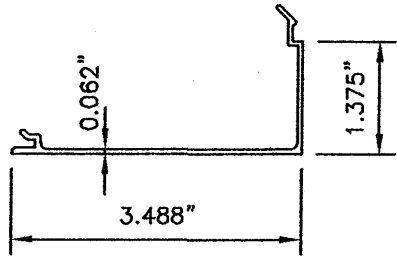
PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No. 12-1126-07  
Expiration Date Feb. 27, 2018  
By *Manuel Perez*  
Miami Dade Product Control

PROJECT		DESCRIPTION
PROJECT APPROVAL DRAWINGS		
RW-5000 RIBBON WINDOW SYSTEM		
SMALL MISSILE IMPACT		
PROJECT NO.		
DRAWN	DATE	
GRG	9/17/12	
SCALE		NOTED
DRAWING NO.		RW-5000SM
SHEET		6 OF 7

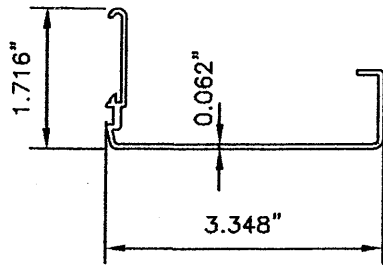
RW-5000 EXTRUSION PROFILES



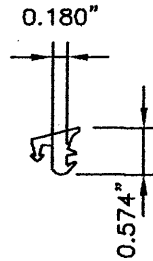
RW-5137 HORIZONTAL



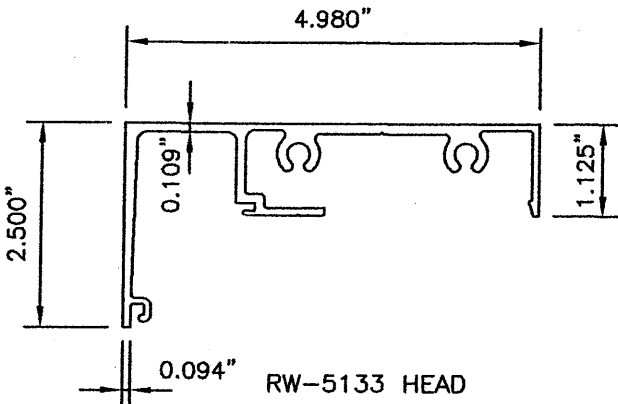
RW-5135 TRIM



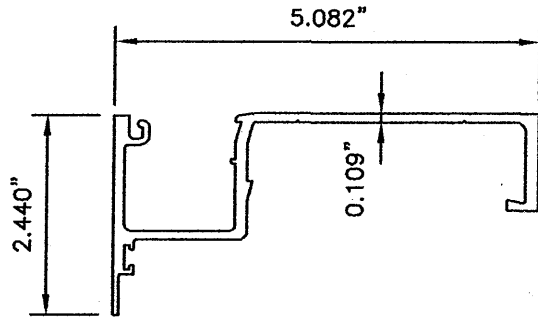
RW5000-FP-11 MULL CLIP



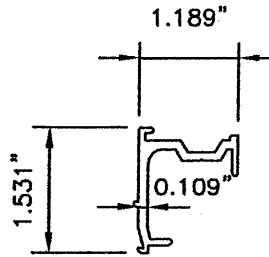
FG-5125 GASKET



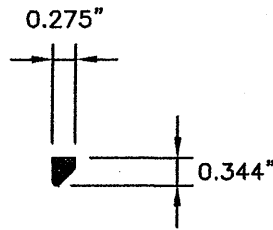
RW-5133 HEAD



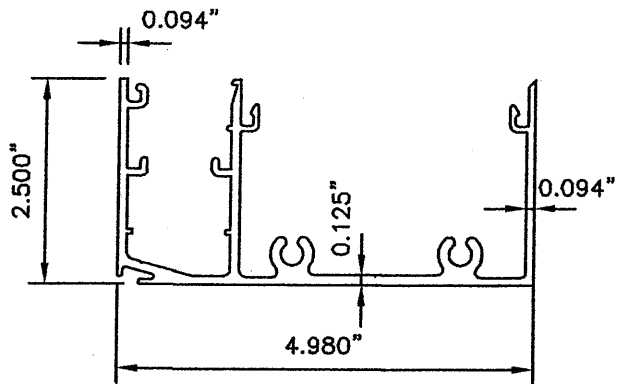
RW-5131 MULL



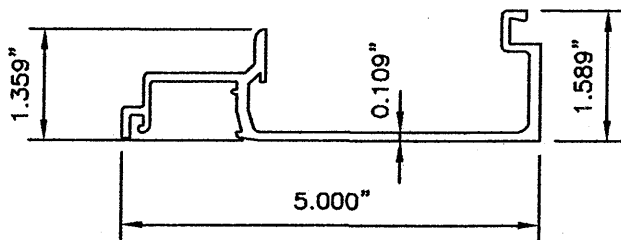
RW-5134 GLAZING BEAD



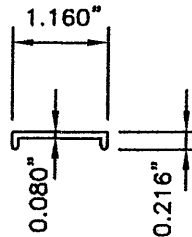
FG-5126 SPACER



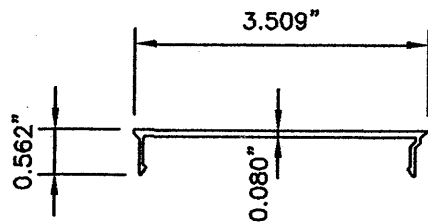
RW-5138 SILL



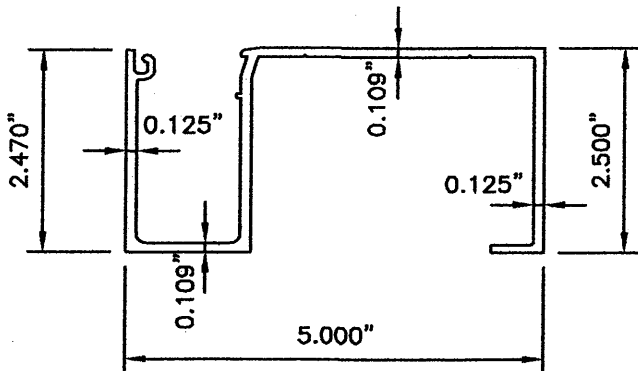
RW-5132 MULL



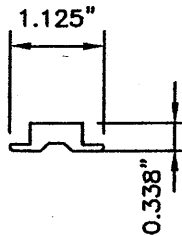
RW-5139 SETTING CHAIR  
LOCATE AT SETTING BLOCKS AND MID-LITE



RW-5140  
SILL FILLER



RW-5136 JAMB



FG-5124 SETTING BLOCK

BROMLEY COOK ENGINEERING, INC.  
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TEL: (954) 772-4624 FAX: (954) 772-1824  
WILLIAM D. COOK, P.E. SEC. B  
FLA P.E. # 43904 - FLA S.E. # 2008

FOR MIAMI-DADE CO. B.C.C.O.

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Miami/Dade Product Control

PROJECT

PROJECT NO.

DRAWN GRG DATE 9/17/12

SCALE NOTED

DRAWING NO. RW-5000SM

SHEET 7 OF 7

PRODUCT APPROVAL DRAWINGS  
RW-5000 RIBBON WINDOW SYSTEM  
SMALL MISSILE IMPACT

Oldcastle  
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MANUAL COMP

REV	BY	DATE	DESCRIPTION